

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/554,054
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First Named Inventor	Tetsu UMEDA
Art Unit	1736
Examiner Name	James Fiorito
Attorney Docket Number	Q89816

U.S. PATENTS

Examiner Initials*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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2.	5846505	A	1998-12-08	SAEGUSA		
3.	6485701	B2	2002-11-26	MIYOSHI		
4.	6808697	B2	2004-10-26	HARADA et al.		

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5.	20020064499	A1	2002-05-30	UCHIDA		
6.	20020135971	A1	2002-09-26	NAKAYA et al.		
7.	20020182141	A1	2002-12-05	UCHIDA		
8.	20030012727	A1	2003-01-16	YOSHIKAWA et al.		
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
10.	2002-234771	JP	A	2002-08-23	MURATA MFG CO., LTD.		English Abstract	
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13.	8-119745	JP	A	1996-05-14	MURATA MFG CO., LTD.		English Abstract	

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.					T ⁵

EXAMINER SIGNATURE

Examiner Signature	/Edward M. Johnson/	Date Considered	08/29/2011
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EMJ/